

2014 Corn Grain Top 30 Harvest Report

Missouri Northwest [MONW] FARRAGUT

Steve Lorimor, Fremont County, IA 51639



Test by: F.I.R.S.T. CCB, Inc., Elizabeth, IL

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Colo silty clay loam, moderately drained, no-till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K
 PEST MANAGEMENT: Corvus, atrazine, Roundup, Force
 FERTILITY - Applied N: 42 Fall, 150 Spring, 40 Sidedress
 Applied N-P-K (units): 232-32-48
 SEEDED - RATE - ROW: May 4 33,000 /A 30" spacing
 HARVESTED - STAND: Oct 3 34,700 /A

Early-Season Test

107 - 112 Day CRM

B2014MONW34a

Top 30 of 42

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Lewis	R1409VT2P	VT2P,B	AC,P5V	109	277.5	18.5	1	37.3	753	1
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	274.8	21.3	1	36.8	726	4
Mycogen	2V709	STX,B	CM,C2	110	274.3	20.2	1	35.8	732	3
Pfister	2565VT3Pro	VT3P	AC,P5	108	272.6	18.2	1	33.9	741	2
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	269.0	22.0	1	36.8	706	11
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	268.1	20.6	1	34.8	713	6
Pfister	2574RA	STX,B	CM,C2	110	267.5	19.2	1	34.9	721	5
Pfister	3366RA	STX,B	CM,C2	115	267.2	21.3	1	33.9	706	12
Wyffels	W7108	STX	AC,P5V	111	263.8	19.4	1	32.4	710	8
Augusta	A5658GT3000	3000GT	CM,C2	108	263.8	19.5	1	36.8	709	9
Prairie Brand	6305RA	STX,B	CM,C2	113	261.6	21.7	1	35.8	689	20
Prairie Brand	5985SX	STX	CM,C2	111	261.4	19.1	1	35.8	705	13
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	261.1	18.6	1	36.8	708	10
Stine	R9739VT3Pro	VT3P,B	AC,P2	114	260.6	20.9	1	34.4	691	16
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	260.5	17.9	1	34.8	711	7
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	260.2	20.7	1	34.8	691	17
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112	259.7	19.3	1	34.8	699	14
Titan Pro	TP 36-12 2P	VT2P,B	AC,P2	112	259.6	20.7	1	34.8	690	18
Pioneer	P1257AMX GC	AMX,B	MQ,P1V	112	256.7	19.5	1	35.8	690	19
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	256.6	18.4	1	32.9	697	15
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	252.3	20.1	1	34.4	674	24
Prairie Brand	1121RA	STX,B	CM,C2	112	251.8	19.3	1	34.8	678	23
Mycogen	2V717	STX,B	CM,C2	111	251.2	20.4	1	35.8	669	30
LG Seeds	LG5612STX	STX	AC,P5V	112	250.8	21.0	1	30.9	665	31
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	250.7	20.0	1	35.8	671	27
NuTech/G2 Gen	X5R-1209^	OT	MQ,P1V,R	112	250.6	18.2	1	33.9	682	22
Pfister	2595RA	STX,B	CM,C2	111	249.4	19.4	1	32.9	671	28
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	249.0	19.3	1	36.8	670	29
Pioneer	P1365AMX GC	AMX,B	MQ,P1V	113	248.7	18.8	1	34.8	673	25
Titan Pro	TP 39-09 SS GC	STX,B	AC,P5V	109	244.0	16.8	1	33.8	672	26
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112	254.0	19.0	1	34.8	686	21
Test Average =					254.1	19.6	1	34.7	683	
LSD (0.10) =					12.5	1.2	ns			
LSD (0.25) =					8.7	0.9	ns			
C.V. =					3.6	4.7				

Randy Meinsma
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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$2.80}{\$2.80}$ Local GMO / non-GMO

Test Comments: This test location looked very good all season. Rainfall in June and August was at minimum 8" and 10", respectively with normal rainfall all other months this growing season. Overall, stalk strength was good with no lodging problems but a few hybrids showed signs of weakness. Ears had strong shanks, complete kernel fill to the tip and deep kernels. Plants health was very good all season.

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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 SOIL DESCRIPTION: Colo silty clay loam, moderately drained, no-till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K
 PEST MANAGEMENT: Corvus, atrazine, Roundup, Force
 FERTILITY - Applied N: 42 Fall, 150 Spring, 40 Sidedress
 Applied N-P-K (units): 232-32-48
 SEEDED - RATE - ROW: May 4 33,000 /A 30" spacing
 HARVESTED - STAND: Oct 3 35,100 /A

Full-Season Test

113 - 116 Day CRM

B2014MONW34b

Top 30 of 42

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Lewis	R1414VT2P	VT2P,B	AC,P5V	114	272.9	21.8	1	36.8	718	1
Titan Pro	2M14-SS	STX,B	AC,P5V	114	270.0	23.5	1	34.8	699	3
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	267.0	20.5	1	36.8	711	2
Wyffels	W7888RIB	STX,B	AC,P5V	114	264.3	22.4	1	35.8	691	5
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113	262.6	23.9	1	34.8	677	12
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116	260.5	22.9	1	36.8	678	10
Augusta	A5565VT2Pro	VT2P	CM,C1	115	260.3	22.1	1	35.3	683	7
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114	259.9	20.1	1	32.9	695	4
Wyffels	W7736RIB	VT2P,B	AC,P5V	113	259.0	21.4	1	32.9	684	6
Stine	R9806EVT3Pro	VT3P,B	AC,P2	114	257.6	21.4	1	36.8	680	9
Lewis	R1415VT2P	VT2P,B	AC,P5V	115	257.5	21.2	1	33.9	681	8
Pioneer	P1339AM1 GC	AM1,B	MQ,P1V	113	257.0	21.4	1	32.9	678	11
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114	255.2	22.5	1	32.9	667	17
LG Seeds	LG5622STX	STX	AC,P5V	113	254.0	21.6	1	33.4	669	15
Pfister	2874RR	RR2	CM,C2	113	254.0	21.9	1	37.8	667	18
Titan Pro	2M13-2P	VT2P,B	AC,P2	113	253.4	20.4	1	33.9	675	13
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115	253.4	22.9	1	35.3	659	20
Pfister	3497SS	STX	CM,C1	116	253.0	25.0	1	36.8	645	25
Pioneer	P1555CHR GC	OT	MQ,P1V	115	252.1	21.5	1	37.8	665	19
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113	251.9	20.6	1	35.8	670	14
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	251.4	20.6	1	35.8	669	16
Pfister	2770RA	STX,B	CM,C2	113	251.4	24.5	1	32.9	644	28
Augusta	A4564GENSS	STX	AC,P5V	114	249.9	23.8	1	35.3	645	26
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	248.5	23.0	1	36.8	646	24
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116	248.5	23.1	1	35.8	645	27
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114	247.9	22.1	1	34.8	650	22
Mycogen	2C799	STX,B	CM,C2	114	244.5	22.5	1	34.8	639	29
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113	244.0	19.6	1	33.8	655	21
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113	242.1	22.3	1	34.8	634	31
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	240.3	21.0	1	33.9	637	30
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112	245.1	21.4	1	33.9	647	23
Test Average =					249.6	22.1	1	35.1	655	
LSD (0.10) =					14.6	1.8	ns			
LSD (0.25) =					10.1	1.2	ns			
C.V. =					4.3	5.9				

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Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107					
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110					
AgriGold	A6499STXRIB	STX,B	AC,P5V	112					
Augusta	A4658GT3110	3110	CM,C5	108					
Augusta	A5658GT3000	3000GT	CM,C2	108					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112					
Golden Harvest	G10S30-3110 GC	3110	AVC,C5	110					
Lewis	R1409VT2P	VT2P,B	AC,P5V	109					
Lewis	R1511SS	STX,B	AC,P5V	111					
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111					
LG Seeds	LG5612STX	STX	AC,P5V	112					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
Mycogen	2A749	STX,B	CM,C2	112					
Mycogen	2V709	STX,B	CM,C2	110					
Mycogen	2V717	STX,B	CM,C2	111					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109					
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111					
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111					
NuTech/G2 Gen	X5R-1209^	OT	MQ,P1V,R	112					
Pfister	2565VT3Pro	VT3P	AC,P5	108					
Pfister	2574RA	STX,B	CM,C2	110					
Pfister	2595RA	STX,B	CM,C2	111					
Pfister	3366RA	STX,B	CM,C2	115					
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112					
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112					
Pioneer	P1257AMX GC	AMX,B	MQ,P1V	112					
Pioneer	P1365AMX GC	AMX,B	MQ,P1V	113					
Prairie Brand	1121RA	STX,B	CM,C2	112					
Prairie Brand	5985SX	STX	CM,C2	111					
Prairie Brand	6305RA	STX,B	CM,C2	113					
Stine	R9631VT3Pro	VT3P,B	AC,P2	109					
Stine	R9739VT3Pro	VT3P,B	AC,P2	114					
Titan Pro	81A12GL	3000GT	CM,C2	112					
Titan Pro	TP 36-12 2P	VT2P,B	AC,P2	112					
Titan Pro	TP 39-09 SS GC	STX,B	AC,P5V	109					
Wyffels	W5448 GC	STX	AC,P5V	108					
Wyffels	W6628RIB	STX,B	AC,P5V	110					
Wyffels	W7108	STX	AC,P5V	111					

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Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6559STXRIB	STX,B	AC,P5V	113					
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114					
Augusta	A4564GENSS	STX	AC,P5V	114					
Augusta	A5565VT2Pro	VT2P	CM,C1	115					
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113					
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114					
Dyna-Gro	D55VP77	VT3P	AC,P5V	115					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114					
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115					
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116					
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114					
Lewis	R1414VT2P	VT2P,B	AC,P5V	114					
Lewis	R1415VT2P	VT2P,B	AC,P5V	115					
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113					
LG Seeds	LG5622STX	STX	AC,P5V	113					
Mycogen	2C788	STX,B	CM,C2	114					
Mycogen	2C799	STX,B	CM,C2	114					
Mycogen	2V779	STX,B	CM,C2	113					
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115					
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114					
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113					
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113					
Pfister	2770RA	STX,B	CM,C2	113					
Pfister	2874RR	RR2	CM,C2	113					
Pfister	3488HR	HX,RR2	CM,C2	115					
Pfister	3497SS	STX	CM,C1	116					
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112					
Pioneer	P1339AM1 GC	AM1,B	MQ,P1V	113					
Pioneer	P1365AMX GC	AMX,B	MQ,P1V	113					
Pioneer	P1498AM GC	AM,AQ,B	MQ,P1V,R	114					
Pioneer	P1555CHR GC	OT	MQ,P1V	115					
Prairie Brand	1123RA	STX,B	CM,C2	113					
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116					
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116					
Stine	R9740VT3Pro	VT3P,B	AC,P2	113					
Stine	R9806EV3Pro	VT3P,B	AC,P2	114					
Titan Pro	2M13-2P	VT2P,B	AC,P2	113					
Titan Pro	2M14-SS	STX,B	AC,P5V	114					
Wyffels	W7736RIB	VT2P,B	AC,P5V	113					
Wyffels	W7888RIB	STX,B	AC,P5V	114					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaXX® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	M	Maxim XL®
At	Actellic®	MQ	Maxim Quattro®
AVC	Avicta® Complete Corn	None	untreated
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme®	R	Raxil® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

** Seed treatments may include unspecified plant health promoting components.